

# Package ‘r2resize’

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**Type** Package

**Title** In-Text Resizer for Images, Tables and Fancy Resizable Containers in 'Shiny', 'Rmarkdown' and 'Quarto' Documents

**Version** 1.8

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**Description** Automatic resizing toolbar for containers, images and tables. Most suitable to include re-size functionality in 'Markdown', 'Rmarkdown' and 'Quarto' documents.

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**URL** <https://r2resize.obianom.com>

**BugReports** <https://github.com/oobianom/r2resize/issues>

**Depends** R (>= 3.6)

**Imports** utils, shiny, DT, nextGenShinyApps

**Suggests** rmarkdown, knitr, r2symbols, testthat

**Encoding** UTF-8

**VignetteBuilder** knitr

**Language** en-US

**LazyData** false

**RoxygenNote** 7.2.3

**Config/testthat/edition** 3

**NeedsCompilation** no

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**Repository** CRAN

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add.resizer	<i>Configure toolbar settings for the page</i>
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### Description

Set options for the inclusion of sizing toolbar in documents

### Usage

```
add.resizer(
  theme.color = NULL,
  position = c("top", "bottom"),
  font.size = NULL,
  font.color = NULL,
  tables = TRUE,
  images = TRUE,
  line.color = NULL,
  thumb.width = NULL,
  thumb.height = NULL,
  line.width = NULL,
  line.height = NULL,
  dim.units = "px",
  default.image.width = NULL
)
```

### Arguments

theme.color	theme color for resizer and table e.g. black or #000000
position	position of the resize toolbar e.g. top or bottom
font.size	size of the page font in px e.g. 14px
font.color	color of the page font in e.g. darkblue or #006699
tables	boolean. TRUE or FALSE, to add resize toobar to tables
images	boolean. TRUE or FALSE, to add resize toobar to images

line.color	color of the resizer track e.g. red or #f5f5f5
thumb.width	width of the resizer thumb e.g. 25
thumb.height	height of the resizer thumb e.g. 25
line.width	width of the resizer track e.g. 200
line.height	height of the resizer track e.g. 10
dim.units	unit for the height and width of the track or thumb
default.image.width	default width of all images on the page e.g. 100

**Value**

Inclusion of mini toolbar for images and tables within a page

**Examples for r2resize**

More examples and demo pages for this function are located at this link - <https://r2resize.obianom.com>.

**Examples**

```
# default settings
r2resize::add.resizer()

# add resizer to only images
r2resize::add.resizer(
  tables = FALSE,
  images = TRUE
)

# add resizer to only tables
r2resize::add.resizer(
  tables = TRUE,
  images = FALSE
)

# add resizer to both images
r2resize::add.resizer(
  tables = TRUE,
  images = TRUE
)

# set position of the resize toolbar
r2resize::add.resizer(
  position = "top" #this is the default, another is 'bottom'
)

# set resizer line color, height and width
r2resize::add.resizer(
```

```

    line.color = "green",
    line.width = 150,
    line.height = 5
  )

#declare more arguments including default image size
r2resize::add.resizer(
  theme.color = "blue",
  position = "top",
  font.size = "12px",
  font.color = "brown",
  tables = TRUE,
  images = TRUE,
  line.color = "green",
  line.width = 150,
  line.height = 5,
  default.image.width = "40%"
) # customized settings

```

---

 elastiCard

*Hover elastic card container*


---

## Description

Automatic elastic card holder for images or navigation items

## Usage

```

elastiCard(
  ...,
  height.px = NULL,
  width.px = NULL,
  border.color = "white",
  border.width.px = 1,
  active.panel = 1
)

```

## Arguments

...	list of image containers, see example below
height.px	height of container as numeric
width.px	width of container as numeric
border.color	color of border of each container
border.width.px	width of the container border
active.panel	the active panel or container e.g. 1

**Value**

Multiple cards with hover elastic functionality

**Examples for r2resize**

More examples and demo pages are located at this link - <https://rpkg.net/package/r2resize>.

**Examples**

```
#basic example with texts alone
r2resize::elastiCard(
  item1 = c(
    icon = "edit",
    title="Lorem ipsum dolor sit amet, consectetur
adipiscing elit, sed do eiusmod tempor incididunt
ut labore et dolore magna aliqua. Ut enim ad
minim veniam, quis nostrud exercitation
ullamco laboris nisi ut aliquip ex ea
commodo consequat.",
    subtitle="A cool subtitle",
    text.color="blue"),
  item2 = c(
    title="Duis aute irure dolor in reprehenderit
in voluptate velit esse cillum dolore eu fugiat
nulla pariatur. Excepteur sint occaecat cupidatat
non proident, sunt in culpa qui officia deserunt
mollit anim id est laborum.",
    subtitle="A cool subtitle",
    text.color = "brown"
  )
)

#basic example with background image and texts
r2resize::elastiCard(
  item1 = c(
    bg = "https://r2resize.obi.obianom.com/m/image1.jpg",
    icon = "edit",
    title="Sample text 1",
    subtitle="A cool subtitle"),
  item2 = c(
    bg = "https://r2resize.obi.obianom.com/m/image2.jpg",
    title="Sample text 2",
    subtitle="A cool subtitle",
    text.color = "brown"
  )
)
```

---

`empahsisCard`*Create an Emphasis Card*

---

**Description**

Emphasis container

**Usage**

```
empahsisCard(..., bg.color = NULL)
```

**Arguments**

<code>...</code>	content of the card
<code>bg.color</code>	content background color

**Value**

container with a moving border to denote emphasis

**More examples for r2resize**

More examples and demo pages are located at this link - <https://r2resize.obi.obianom.com>.

**Examples**

```
#make a simple emphasis card
#add as much content as need
r2resize::empahsisCard(
  "sample rpkg.net 1",
  "sample rpkg.net 2 "
)

#specify the color of the background
r2resize::empahsisCard(
  "sample rpkg.net 1",
  "sample rpkg.net 2 ",
  bg.color = "brown"
)
```

---

`emphasisCard`*Create an Emphasis Card*

---

**Description**

Emphasis container

**Usage**

```
emphasisCard(..., bg.color = NULL)
```

**Arguments**

<code>...</code>	content of the card
<code>bg.color</code>	content background color

**Value**

container with a moving border to denote emphasis

**More examples for r2resize**

More examples and demo pages are located at this link - <https://r2resize.obi.obianom.com>.

**Examples**

```
#make a simple emphasis card
#add as much content as need
r2resize::empahsisCard(
  "sample rpkg.net 1",
  "sample rpkg.net 2 "
)

#specify the color of the background
r2resize::empahsisCard(
  "sample rpkg.net 1",
  "sample rpkg.net 2 ",
  bg.color = "brown"
)
```

---

`flexCard`*Flexible card container*

---

**Description**

Expandable flexible card holder for images or navigation items

**Usage**

```
flexCard(  
    ...,  
    height.px = NULL,  
    width.px = NULL,  
    border.color = "white",  
    border.width.px = 1,  
    active.panel = 1  
)
```

**Arguments**

<code>...</code>	list of image containers, see example below
<code>height.px</code>	height of container as numeric
<code>width.px</code>	width of container as numeric
<code>border.color</code>	color of border of each container
<code>border.width.px</code>	width of the container border
<code>active.panel</code>	the active panel or container e.g. 1. Use 0 to make all panels inactive

**Value**

Multiple cards with flex functionality

**Examples for r2resize**

More examples and demo pages are located at this link - <https://rpkg.net/package/r2resize>.

**Examples**

```
r2resize::flexCard(  
  item1 = c(  
    bg = "https://r2resize.obi.obianom.com/m/image1.jpg",  
    icon = "edit",  
    title="Sample text 1",  
    subtitle="A cool subtitle"),  
  item2 = c(  
    bg = "https://r2resize.obi.obianom.com/m/image2.jpg",  
    icon = "edit",
```



```
        title="Sample text 2",
        subtitle="A cool subtitle",
        icon.color = "blue",
        text.color = "brown"
    )
)
```

---

sizeableCard

*Resizable container content holder*

---

## Description

Highly customizable and resizable container content holder

## Usage

```
sizeableCard(..., bg.color = NULL, border.color = NULL)
```

## Arguments

...	content of container
bg.color	content background color e.g red, black or #333333
border.color	border color of container e.g. red or #f5f5f5

## Value

Container with a resizing toolbar feature on the right

## Examples for r2resize

More examples and demo pages are located at this link - <https://rpkg.net/package/r2resize>.

## Examples

```
#simple sizeable card attribute
r2resize::sizeableCard(
  "sample rpkg.net text"
)
```

```
#specify the background color for the card
r2resize::sizeableCard(
  "sample r2resume text",
  bg.color = "lightgray"
)
```

```
#specify the border color additionally
```

```
r2resize::sizeableCard(
  "sample r2resume text",
  bg.color = "lightgray",
  border.color="black"
)
```

---

splitCard

*Resizable split screen container*


---

## Description

Highly customizable and resizable split screen container

## Usage

```
splitCard(
  left,
  right,
  splitter.color = NULL,
  bg.left.color = NULL,
  left.bg.url = NULL,
  right.bg.url = NULL,
  bg.right.color = NULL,
  border.color = NULL,
  position = c("vertical", "horizontal"),
  text.left.color = "black",
  text.right.color = "black"
)
```

## Arguments

left	content on the left or top
right	content on the right or bottom
splitter.color	splitter color e.g red, black or #333333
bg.left.color	left panel color e.g red, black or #333333
left.bg.url	left panel background image e.g image1.png or https://..image1.png
right.bg.url	right panel background image e.g image1.png or https://..image1.png
bg.right.color	right panel color e.g red, black or #333333
border.color	border color of the container e.g. red or #f5f5f5
position	position of divider or splitter
text.left.color	color of left panel text
text.right.color	color of right panel text

**Value**

Resizable split screen container

**Examples for r2resize**

More examples and demo pages are located at this link - <https://rpkg.net/package/r2resize>.

**Examples**

```
#basic attributes
r2resize::splitCard(
  "Sample text",
  "Sample text 2"
)

#specify background color for each side
r2resize::splitCard(
  "Sample r2symbols 1",
  "Sample nextGen 1",
  bg.right.color = "white",
  bg.left.color = "lightgray",
  position = "vertical"
)

#add the split card attribute on vertical
r2resize::splitCard(
  "Sample shinyStorePlus",
  "Sample nextGen 1",
  bg.right.color = "white",
  bg.left.color = "lightgray",
  border.color = "black",
  text.left.color = "black",
  text.right.color = "black",
  position = "vertical"
)

# specify split card on the horizontal position
r2resize::splitCard(
  "Sample sciRmdTheme 1",
  "Sample nextGen 1",
  bg.right.color = "white",
  bg.left.color = "lightgray",
  border.color = "gray",
  text.left.color = "black",
  text.right.color = "black",
  position = "horizontal"
)
```

---

`splitCard2`*Re sizable split screen container version 2*

---

**Description**

Highly customizable and re sizable split screen container version 2

**Usage**

```
splitCard2(  
    left,  
    right,  
    bg.left.color = NULL,  
    bg.right.color = NULL,  
    border.color = NULL,  
    text.left.color = "black",  
    text.right.color = "black",  
    slider.position = charNum1to100  
)
```

**Arguments**

<code>left</code>	content on the left or top
<code>right</code>	content on the right or bottom
<code>bg.left.color</code>	left panel color e.g red, black or #333333
<code>bg.right.color</code>	right panel color e.g red, black or #333333
<code>border.color</code>	border color of the container e.g. red or #f5f5f5
<code>text.left.color</code>	color of left panel text
<code>text.right.color</code>	color of right panel text
<code>slider.position</code>	position of the slider in percent

**Value**

Realizable split screen container style 2

**Examples for r2resize**

More examples and demo pages are located at this link - <https://rpkg.net/package/r2resize>.

**Examples**

```

#Use the default split card 2 function
#add a question on one side, and answer on the other
r2resize::splitCard2(
  shiny::tags$h1("Question 1"),
  shiny::tags$h1("Answer 1"),
  slider.position = "40"
)

#specify the backgroun color for the sides
r2resize::splitCard2(
  "Sample r2symbols 1",
  "Sample nextGen 1",
  bg.right.color = "white",
  bg.left.color = "lightgray"
)

#alter the border color
#specify the text color for each side
r2resize::splitCard2(
  "Sample shinyStorePlus",
  "Sample nextGen 1",
  bg.right.color = "white",
  bg.left.color = "lightgray",
  border.color = "black",
  text.left.color = "black",
  text.right.color = "black"
)

##change the text color from one side to the other
r2resize::splitCard2(
  "Sample sciRmdTheme 1",
  "Sample nextGen 1",
  bg.right.color = "white",
  bg.left.color = "lightgray",
  border.color = "gray",
  text.left.color = "red",
  text.right.color = "blue"
)

```

**Description**

Easily expandable and resizable content container holder

**Usage**

```

windowCard(
    ...,
    title = "Sample title",
    width = "50%",
    bg.color = NULL,
    border.color = NULL,
    header.text.color = NULL,
    body.text.color = NULL
)

```

**Arguments**

...	content of the container
title	title of the header
width	width of the container
bg.color	background color of the content area
border.color	color of the container border
header.text.color	color of the header text
body.text.color	color of the content text

**Value**

A window-like card container that is expandable and resizable

**Examples for r2resize**

More examples and demo pages are located at this link - <https://rpkg.net/package/r2resize>.

**Note**

Please note that only one windowCard may be created by page

**Examples**

```

#simple window card with default attributes
#shows up centered on the screen
r2resize::windowCard("sample r2symbols text")

```

```

#specify the width of the window card
#specify the title
#specify the header color
#speciy other features
r2resize::windowCard(
  title = "Sample Window card",
  width = "500px",

```

```
bg.color = "white",  
border.color = "brown",  
header.text.color = "white",  
body.text.color = "black")
```

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